



Florikan[®]

Controlled Release Fertilizer

**PRODUCT
OVERVIEW**

Profile[®] Growing
Solutions



About Profile Products and Florikan

Profile Products is a global environmental solutions company, committed to making products that promote a greener world. We are the world's leading manufacturer of: engineered horticulture substrates; hydraulically applied erosion control products; and soil amendments for the sports and golf market. Through our worldwide partner and distribution network, we deliver products across market segments to establish, enhance, and sustain soils and vegetation.

Profile's Growing Solutions division offers a comprehensive portfolio of products that improve substrates and growing / soil blending operations. Our substrate options include HydraFiber engineered fibers; Profile Canadian Sphagnum Peat Moss and Profile Southern Indian Coconut Coir; and a line of bonded media technology for propagation and food production.

Additionally, we feature a specialty line of Florikan controlled-release fertilizers (CRF), engineered for highly efficient slow release to optimize plant nutrition and reduce environmental impact.

The comprehensive line of CRF products are manufactured, blended, and distributed to high value ornamental and agricultural markets throughout the world and beyond...

Florikan's entrepreneurial drive, continuous innovations, and pioneering work formed the basis for introduction of Nutricote® controlled release fertilizer to the U.S. market over 30 years ago. This drive helped form NASA partnerships, for research and development work, on the recently patented Gal-XeONE® controlled release fertilizer, and 'Veggie' production programs on the International Space Station!

2,000+

POINTS OF
MARKET ACCESS

45+

COUNTRIES
GENERATING
SALES

12

DISTRIBUTION
CENTERS
WORLDWIDE



**Innovation and
technology leader
in green industry
solutions**



**Leveraging a
broad product
portfolio to serve
a diverse range of
market segments**



**Patented
technology fuels
new product
development**



**Industry-leading
operations
with expansive
Global
distribution
touchpoints**

10

PRODUCTION
FACILITIES
WORLDWIDE



Total 100% Nutricote®

About Nutricote®

For more than 30 years, Nutricote® has been the gold standard of controlled-release fertilizers, widely used across ornamental and nursery crops. Nutricote provides steady feed through a specialized coating compound, ensuring consistent nutrition and reduced leaching. This provides growers with a predictable release curve and dependable performance out of every single prill. The result is a more uniform crop; less waste; and better plant yield.



Florikan® and Nutricote®

Florikan® has been the expert in Nutricote® in North America since 1982. From the first field trials in south Florida to developing the Staged Nutrient Release® (SNR) process we have been at the forefront of this industry leading technology. Florikan, now under the ownership of Profile Products, has expanded access to Nutricote® to include all 50 US states.

Manufacturing Process

Nutricote® is manufactured by coating nitrate compound fertilizers with a special resin. The duration of releasing nutrients is controlled by the composition of the resin and the quantity of a special "chemical release agent" added to the resin. The special release agent has resulted in a dramatic technological improvement in the consistency and precision of nutrient release.

The composition of Nutricote's resin, and the release controlling agent added to it, produce molecular passageways in the coated resin in a maze-like structure. When Nutricote® is applied to the soil, the water in the soil enters the granule through the passageways and dissolves the nutrients. The nutrient solution will then be control released steadily through the same passageways.

All Nutricote® Products Feature:

- 100% Controlled Release Homogeneous Fertilizer
- Coating Technology That Provides Predictable Release
- Total Package of N-P-K and Micros in Every Prill

All Nutricote® Products Benefit Crops By:

- Providing Consistent and Dependable Performance
- Not Flash Releasing Nutrients
- Creating Uniform Crop Quality in Size & Color

Additionally, Nutricote® Micro Products Feature:

- Prill 20x Smaller Than Regular Nutricote® 18-6-8
- 4x Water Soluble Fe (Iron) in Every Prill vs Nutricote® 18-6-8

Additionally, 14-4-14 Total Z Products Feature:

- 4x Water Soluble Fe (Iron) in Every Prill vs Nutricote® 18-6-8
- Balanced N & K with Low P

Nutricote® Product Longevities:

Depending on Product and SKU Nutricote® is available from 70 to 360 day longevities.

ABOUT Gal-Xe^{ONE}®

About Gal-Xe^{ONE}®

Gal-Xe^{ONE}® is a truly innovative 2nd generation controlled release fertilizer. The Gal-Xe^{ONE}® coating uses technology developed with support from NASA's Space Technology Outreach Program to allow water to enter the prill then carry the nutrient solution out through a precise, semi-permeable membrane. It's this precision that allows plants fed with Gal-Xe^{ONE}® products to grow healthier, and producer better returns, season after season.



Florikan® and Gal-Xe^{ONE}®

Florikan® has been proud to work with our partners JR Simplot® on the development and marketing of Gal-Xe^{ONE}®. This partnership has allowed us to continually research and develop new formulations and blends. Now under our new ownership of Profile Products, we have an opportunity to bring Gal-Xe^{ONE}® to a wider audience.

All Gal-Xe^{ONE}® Products Feature:

- A Proprietary Reactive Layer Coating Developed With Assistance From NASA
- Coating Technology That Provides Predictable Release
- N-P-K and Micros in Every Prill Or Blend

All Gal-Xe^{ONE}® Products Benefit Crops By:

- Reduced Nutrient Losses, Volatilization And Leaching
- Delivering Precise Nutrients When Crops Require It
- Proving A Wide Variety Of Nutritional Solutions To Meet The Needs Of Nearly All Ornamental Crops

Additionally, Gal-Xe^{ONE}® NANO Products Feature:

- Small Particle Size – SGN 100-150 - Providing 10X More Fertilizer Prills Than Traditional Fertilizers
- 1:1 N to K Ratio + Full Micronutrients

Additionally, Gal-Xe^{ONE}® CORE Products Feature:

- Chelated (Fe) Iron Using The CORE Delivery Method
- Available In 90,180, 270 And 360 Day Release

Gal-Xe^{ONE}® Product Longevities:

Depending on Product and SKU Gal-Xe^{ONE}® is available from 60 to 360 Day longevities.